

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE <b>N/A</b>		PAGE <b>1</b> OF PAGES <b>57</b>	
2. AMENDMENT/MODIFICATION NO. <b>0001</b>		3. EFFECTIVE DATE <b>11 MAY 2004</b>		4. REQUISITION/PURCHASE REQ. NO. <b>N/A</b>		5. PROJECT NO. <i>(If applicable)</i>	
6. ISSUED BY  <b>USACE SACRAMENTO DISTRICT ATTN: CONTRACTING DIVISION 1325 J STREET SACRAMENTO, CALIFORNIA 95814-2922</b>		CODE		7. ADMINISTERED BY <i>(If other than Item 6)</i>  <b>SEE ITEM 6</b>		CODE	
8. NAME AND ADDRESS OF CONTRACTOR <i>(No., street, county, State and ZIP Code)</i>				(✓)		9A. AMENDMENT OF SOLICITATION NO.  <b>W9123P7-04-B-0003</b>	
				×		9B. DATED <i>(SEE ITEM 11)</i> <b>5 MAY 2004</b>	
						10A. MODIFICATION OF CONTRACTS/ORDER NO. <b>N/A</b>	
						10B. DATED <i>(SEE ITEM 13)</i> <b>N/A</b>	
CODE		FACILITY CODE					

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning **1** copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: <i>(Specify authority)</i> THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES <i>(such as changes in paying office, appropriation date, etc.)</i> SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER <i>(Specify type of modification and authority)</i>

**E. IMPORTANT:** Contractor ☐ is not, ☐ is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

**BODEGA BAY DREDGING  
SONOMA COUNTY, CALIFORNIA**

**2 ENCLS: 1) SF 1442, TECHNICAL TABLE OF CONTENTS, 01430 AND 02480.**

**2) WAGE RATE CA030009, MOD 5 REPLACES EXISTING WAGE RATE IN ITS ENTIRETY.**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER <i>(Type or print)</i>		16A. NAME AND TITLE OF CONTRACTING OFFICER <i>(Type or print)</i>	
15B. CONTRACTOR/OFFEROR  _____ <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  BY _____ <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED

<b>SOLICITATION, OFFER, AND AWARD</b> <i>(Construction, Alteration, or Repair)</i>	1. SOLICITATION NO.	2. TYPE OF SOLICITATION	3. DATE ISSUED	PAGE OF PAGES
	W912P7-04-B-0003	<input checked="" type="checkbox"/> SEALED BID (IFB) <input type="checkbox"/> NEGOTIATED(RFP)	5-May-2004	1 OF

**IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.**

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO.	6. PROJECT NO.
	W62A2B-4057-2363	

7. ISSUED BY	CODE	W912P7	8. ADDRESS OFFER TO <i>(If Other Than Item 7)</i>	CODE
US ARMY ENGINEER DISTRICT, SAN FRANCISCO CONTRACTING DIVISION 333 MARKET ST., 9TH FLOOR SUITE 903 SAN FRANCISCO CA 94105-2197  TEL: FAX:			USACE SACRAMENTO DISTRICT ATTN: CONTRACTING DIVISION 1325 J STREET, SACRAMENTO, CA 95814-2922  TEL: FAX:	

9. FOR INFORMATION CALL:	A. NAME	B. TELEPHONE NO. <i>(Include area code)</i> <i>(NO COLLECT CALLS)</i>
	JAMES E GARROR	916-557-5229

### SOLICITATION

**NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and**

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS *(Title, identifying no., date)*:

UNRESTRICTED IFB

BODEGA BAY CHANNEL MAINTENANCE DREDGING  
SONOMA COUNTY, CALIFORNIA

Project Description: **The work consists of maintenance dredging with an environmental bucket, of Bodega Bay Harbor Channel and the Coast Station Channel of approximately 143,000 cubic yards of material to provide a project depth of minus 12 feet MLLW, and 8/10 feet respectively, Plus 1 foot allowable overdepth, and disposing of approximately 110,000 of cubic yards dredged materials in the designated Government-furnished deep ocean disposal site area at SF-DODS. Approximately 33,000 cubic yards to be disposed to the Government furnished disposal Site SF-8.**

ESTIMATED COST RANGE OF PROJECT: \$1,000,000 - \$5,000,000

11. The Contractor shall begin performance within <u>10</u> calendar days and complete it within <u>90</u> calendar days after receiving <input type="checkbox"/> award, <input checked="" type="checkbox"/> notice to proceed. This performance period is <input checked="" type="checkbox"/> mandatory, <input type="checkbox"/> negotiable. <i>(See FAR 52.211-10)</i>
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12 A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT <i>(If "YES," indicate within how many calendar days after award in Item 12B.)</i>	12B. CALENDAR DAYS
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	10

13. ADDITIONAL SOLICITATION REQUIREMENTS:	
A. Sealed offers in original and <u>0</u> copies to perform the work required are due at the place specified in Item 8 by <u>1:00 PM</u> <i>(hour)</i> local time <u>8 June 2004</u> <i>(date)</i> . If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.	
B. An offer guarantee <input checked="" type="checkbox"/> is, <input type="checkbox"/> is not required.	
C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.	
D. Offers providing less than <u>60</u> calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.	

**SOLICITATION, OFFER, AND AWARD***(Construction, Alteration, or Repair)***OFFER (Must be fully completed by offeror)**

14. NAME AND ADDRESS OF OFFEROR <i>(Include ZIP Code)</i>		15. TELEPHONE NO. <i>(Include area code)</i>
		16. REMITTANCE ADDRESS <i>(Include only if different than Item 14)</i>
CODE	FACILITY CODE	

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government in writing within \_\_\_\_\_ calendar days after the date offers are due. *(Insert any number equal to or greater than the minimum requirements stated in Item 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.)*

AMOUNTS	SEE SCHEDULE OF PRICES
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18. The offeror agrees to furnish any required performance and payment bonds.

**19. ACKNOWLEDGMENT OF AMENDMENTS***(The offeror acknowledges receipt of amendments to the solicitation -- give number and date of each)*

AMENDMENT NO.										
DATE										

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN  
OFFER *(Type or print)*

20B. SIGNATURE

20C. OFFER DATE

**AWARD (To be completed by Government)**

21. ITEMS ACCEPTED:

22. AMOUNT

23. ACCOUNTING AND APPROPRIATION DATA

24. SUBMIT INVOICES TO ADDRESS SHOWN IN  
*(4 copies unless otherwise specified)*

**ITEM**

25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO

☐

10 U.S.C. 2304(c)

☐

41 U.S.C. 253(c)

26. ADMINISTERED BY

CODE

27. PAYMENT WILL BE MADE BY:

CODE

**CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE**

☐ 28. NEGOTIATED AGREEMENT *(Contractor is required to sign this document and return \_\_\_\_\_ copies to issuing office.)* Contractor agrees to furnish and deliver all items or perform all work, requisitions identified on this form and any continuation sheets for the consideration stated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications or incorporated by reference in or attached to this contract.

☐ 29. AWARD *(Contractor is not required to sign this document.)*

Your offer on this solicitation, is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.

30A. NAME AND TITLE OF CONTRACTOR OR PERSON  
TO SIGN *(Type or print)*

31A. NAME OF CONTRACTING OFFICER *(Type or print)*

30B. SIGNATURE

30C. DATE

TEL:

EMAIL:

31B. UNITED STATES OF AMERICA  
BY

31C. AWARD DATE

General Decision Number: CA030009 05/07/2004

Superseded General Decision Number: CA020009

State: California

Construction Types: Building, Heavy (Heavy, and Dredging) and Highway

Counties: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Marin, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties in California.

BUILDING CONSTRUCTION PROJECTS (excluding Amador County only);

DREDGING CONSTRUCTION PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); AND HIGHWAY CONSTRUCTION PROJECTS

Modification Number          Publication Date

0                                  06/13/2003

1                                  01/16/2004

2                                  03/05/2004

3                                  03/26/2004

4                                  04/02/2004

5                                  05/07/2004

ASBE0016-001 01/01/2004

	Rates	Fringes
Asbestos Workers/Insulator		
Includes the		
application of all		
insulating materials,		
Protective Coverings,		
Coatings, and Finishes		
to all types of		
mechanical systems.....	\$ 37.53	11.58

ASBE0016-007 01/01/2004

MARIN AND NAPA COUNTIES

	Rates	Fringes
Asbestos Removal		
worker/hazardous material		
handler		
Includes preparation,		
wetting, stripping,		
removal, scrapping,		
vacuuming, bagging and		
disposing of all		
insulation materials		
from mechanical		
systems, whether they		
contain asbestos or not.....	\$ 26.15	3.85

BOIL0549-002 10/01/2002

	Rates	Fringes
Boilermaker.....	\$ 32.46	13.55

\* BRCA0003-001 08/01/2003

	Rates	Fringes
Marble Finisher.....	\$ 25.62	7.37

\* BRCA0003-004 07/01/2003

	Rates	Fringes
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Bricklayer

AREA 1.....	\$ 28.40	9.60
AREA 2.....	\$ 33.60	11.85

AREA 1:

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN,  
MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA,  
SUTTER, TEHAMA, YOLO AND YUBA COUNTIES

AREA 2:

MARIN, NAPA, SISKIYOU, SOLANO, SONOMA AND TRINITY COUNTIES

FOOTNOTES: Underground work such as tunnel work, sewer work,  
manholes, catch basins, sewer pipes and telephone conduit  
shall be paid \$5.00 per day above the regular wage. In  
addition to the daily allowance specified in the preceding  
sentence, all employees working in direct contact with raw  
sewage shall receive an additional allowance of \$2.50 per day  
above the regular wage. Fifty cents (\$0.50) per hour extra  
will be allowed for operating a saw or grinder, provided such  
work is for the major portion of the day. A gunite nozzle  
person shall receive \$1.00 per hour above the journeyman wage  
rate. On one or two-person light-duty swinging scaffolds,  
from and including the seventh floor to the sky, \$10.00 per  
day over and above the regular wage shall be paid. The  
floors shall be determined by the number on the elevator  
identity or floor identity.

\* BRCA0003-008 07/01/2003

	Rates	Fringes
Terrazzo Finisher.....	\$ 18.61	7.27
Terrazzo Worker.....	\$ 34.95	11.50

\* BRCA0003-010 04/01/2003

	Rates	Fringes
Tile Finisher		
Alpine, Amador.....	\$ 18.43	7.40
Marin, Napa, Solano.....	\$ 18.61	7.27
Siskiyou, Trinity.....	\$ 18.61	7.27
Sonoma.....	\$ 18.36	6.47
Tile Layer		
Alpine, Amador.....	\$ 30.63	8.45
Marin, Napa, Solano.....	\$ 34.83	8.50
Siskiyou, Trinity.....	\$ 34.83	8.50
Sonoma.....	\$ 31.67	8.45

\* BRCA0003-014 08/01/2003

	Rates	Fringes
Marble mason		
Alpine, Amador, Marin, Napa, Siskiyou, Solano, Sonoma, Trinity.....	\$ 36.29	12.86
Butte, Colusa, El Dorado, Greene, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehama, Yolo, Yuba.....	\$ 34.28	8.10

BRCA0003-015 08/01/2001

	Rates	Fringes
Marble Finisher.....	\$ 24.12	5.87
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* BRCA0029-001 06/01/2003		
BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SUTTER, TEHAMA, YOLO AND YUBA COUNTIES		
	Rates	Fringes
Tile Finisher.....	\$ 18.61	4.65
Tile Setter.....	\$ 32.53	6.40
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CARP0034-001 07/01/2003		
	Rates	Fringes
Diver		
Diver standby.....	\$ 32.34	15.795
Diver Tender.....	\$ 32.34	15.795
Diver wet.....	\$ 43.59	15.795
Saturation diver.....	\$ 46.50	15.795
DEPTH PAY (Surface Diving):		
050 to 100 ft	\$1.32/ft	
100 to 150 ft	\$66.00 + \$1.85/ft	
150 to 200 ft	\$158.00 + \$2.65/ft	
200 ft and over	\$291.00 + \$3.00/ft	
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CARP0034-004 07/01/2003		
ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MARIN, NAPA, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO AND SONOMA, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES		
	Rates	Fringes
Piledriver.....	\$ 29.40	15.795
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CARP0035-001 08/01/2003		
	Rates	Fringes
Drywall Installers/Lathers:		
ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES:		
Total Project Value		
\$25 Million or over.....	\$ 27.52	12.215
Total Project Value		
under \$25 Million.....	\$ 24.02	12.215
MARIN, NAPA, SOLANO AND SONOMA COUNTIES:.....	\$ 30.75	12.215
Drywall Stocker/Scrapper		
ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU,		

SUTTER, TEHAMA,  
TRINITY, YOLO AND YUBA  
COUNTIES:

Total Project Value		
\$25 Million or over.....\$	13.76	6.595
Total Project Value		
under \$25 Million.....\$	12.01	6.595
MARIN, NAPA, SOLANO AND		
SONOMA COUNTIES:.....\$	15.38	6.595

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\* CARP0035-004 03/01/2004

	Rates	Fringes
Carpenters:		
AREA 1: PROJECTS		
\$25,000,000 & OVER		
(1) Carpenter.....\$	27.02	12.295
(2) Hardwood Floor Layer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring		
Erector, Saw Filer.....\$	27.17	12.295
(3) Bridge Builder.....\$	30.75	12.295
(4) Millwright.....\$	29.52	13.055
AREA 1: PROJECTS UNDER		
\$25,000,000		
(1) Carpenter.....\$	23.52	12.295
(2) Hardwood Floor Layer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring		
Erector, Saw Filer.....\$	23.67	12.295
(3) Bridge Builder.....\$	30.75	12.295
(4) Millwright.....\$	29.52	13.055
AREA 2:		
(1) Carpenter.....\$	30.75	12.295
(2) Hardwood Floor Layer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring		
Erector, Saw Filer.....\$	30.90	12.295
(3) Bridge Builder.....\$	30.75	12.295
(4) Millwright.....\$	30.85	13.055
AREA 1: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo, Yuba counties		
AREA 2: Marin, Napa, Solano, Sonoma Counties		

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CARP0035-010 07/01/2003

	Rates	Fringes
Modular Furniture Installer		
ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS,		

SACRAMENTO, SHASTA,  
 SIERRA, SISKIYOU,  
 SUTTER, TEHAMA,  
 TRINITY, YOLO AND YUBA  
 COUNTIES.....\$ 12.56                      8.7565  
 MARIN, NAPA, SOLANO AND  
 SONOMA COUNTIES.....\$ 15.50                      8.765

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 ELEC0006-002 12/01/2002

	Rates	Fringes
Communications System		
Communications and		
Systems Installer.....\$ 24.57		3%+6.40
Communications and		
Systems Technician.....\$ 27.98		3%+6.40

SCOPE OF WORK

Includes any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access; excluding energy management systems.

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 ELEC0180-001 06/01/2003  
 NAPA AND SOLANO COUNTIES

	Rates	Fringes
Cable splicer.....\$ 41.23		4%+11.03
Electrician.....\$ 36.65		4%+11.03

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 ELEC0340-002 11/01/2002

	Rates	Fringes
Communications & Systems		
Technician.....\$ 22.41		3%+4.40
Communications and Systems		
Installer.....\$ 19.68		3%+4.40

SCOPE OF WORK

Includes the installation testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for the following TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms, and low voltage master clock systems.

A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS

Background foreground music Intercom and telephone interconnect systems, Telephone systems, Nurse call systems, Radio page systems, School intercom and sound systems, Burglar alarm systems, Low voltage master clock systems,



Multi-media/multiplex systems, Sound and musical entertainment systems, RF systems, Antennas and Wave Guide.

B. FIRE ALARM SYSTEMS

Installation, wire pulling and testing

C. TELEVISION AND VIDEO SYSTEMS

Television monitoring and surveillance systems, Video security systems, Video entertainment systems, Video educational systems, Microwave transmission systems, CATV and CCTV

D. SECURITY SYSTEMS

Perimeter security systems, Vibration sensor systems, Card access systems, Access control systems, Sonar/infrared monitoring equipment

E. COMMUNICATIONS SYSTEMS THAT TRANSMIT OR RECEIVE

INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO THE ABOVE LISTED SYSTEMS SCADA (Supervisory Control and Data Acquisition), PCM (Pulse Code Modulation)

Inventory Control Systems, Digital Data Systems, Broadband and Baseband and Carriers, Point of Sale Systems, VSAT Data Systems, Data Communication Systems, RF and Remote Control Systems, Fiber Optic Data Systems; WORK EXCLUDED Raceway systems are not covered (excluding Ladder-Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 feet) may be installed on open wiring systems. Energy management systems. SCADA (Supervisory Control and Data Acquisition) when not intrinsic to the above listed systems (in the scope). Fire alarm systems when installed in raceways (including wire and cable pulling) shall be performed at the electrician wage rate, when either of the following two (2) conditions apply:

1. The project involves new or major remodel building trades construction.
2. The conductors for the fire alarm system are installed in conduit.

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ELEC0340-003 12/01/2002

	Rates	Fringes
Cable splicer		
AREA 1.....	\$ 35.43	3%+7.82
Electrician		
AREA 1.....	\$ 32.21	3%+7.82
AREA 2		
Tunnel work.....	\$ 33.82	3%+7.82
AREA 3.....	\$ 40.26	3%+7.82
AREA 1: ALPINE(West of the Main Sierra Mountain Watershed), AMADOR, BUTTE, COLUSA, EL DORADO(West of the Main Sierra Mountain Watershed), GLENN, LASSEN (excluding Sierra Army Depot, Herlong), NEVADA(West of the Main Sierra Mountain Watershed), PLACER(West of the Main Sierra Mountain Watershed), PLUMAS, SACRAMENTO, SHASTA, SIERRA(West of the Main Sierra Mountain Watershed), SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES		
AREA 2: BUTTE, GLENN, LASSEN, PLUMAS, SHASTA, TEHAMA & TRINITY COUNTIES		
AREA 3: LASSEN COUNTY (Sierra Army Depot, Herlong)		

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\* ELEC0401-005 04/01/2004

ALPINE (east of the main watershed divide), El Dorado (east of the main watershed divide), Nevada (east of the main watershed), Placer (east of the main watershed divide) and Sierra (east of the main watershed divide) COUNTIES:

	Rates	Fringes
Electrician.....	\$ 27.00	3%+9.02

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 ELEC0551-004 06/01/2003  
 MARIN AND SONOMA COUNTIES

	Rates	Fringes
Cable splicer.....	\$ 35.89	3%+10.681
Electrician.....	\$ 32.63	3%+10.68

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 ELEC0659-006 01/01/2002  
 MODOC and SISKIYOU COUNTIES

	Rates	Fringes
Electrician.....	\$ 26.26	3%+8.50

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 ELEC0659-008 11/18/2003  
 MODOC & SISKIYOU COUNTIES

	Rates	Fringes
Line Construction		
Powdermen, Jackhammermen....	\$ 24.72	3.875%+5.45

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 ELEC1245-004 06/01/2002  
 ALL COUNTIES EXCEPT MODOC & SISKIYOU

	Rates	Fringes
Line Construction		
(1) Lineman; Cable		
splicer.....	\$ 33.16	4.5%+7.08
(2) Equipment		
specialist (operates		
crawler tractors,		
commercial motor		
vehicles, backhoes,		
trenchers, cranes (50		
tons and below), and		
overhead and		
underground		
distribution line		
equipment).....	\$ 28.19	4.5%+6.80
(3) Groundman.....	\$ 21.56	4.5%+6.80
(4) Powderman.....	\$ 31.51	4.5%+6.84

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 ELEV0008-001 08/01/2001

	Rates	Fringes
Elevator Mechanic.....	\$ 42.735	7.455

FOOTNOTE:

Vacation Pay: 8% with 5 or more years of service, 6% for 6 months to 5 years service.

Paid Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Friday after, and Christmas Day.

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 ENGI0003-005 06/16/2003

	Rates	Fringes
Power Equipment Operator		

AREA 1:		
GROUP 1.....	\$ 34.18	14.34
GROUP 2.....	\$ 32.65	14.34
GROUP 3.....	\$ 31.17	14.34
GROUP 4.....	\$ 29.79	14.34
GROUP 5.....	\$ 28.52	14.34
GROUP 6.....	\$ 27.20	14.34
GROUP 7.....	\$ 26.06	14.34
GROUP 8.....	\$ 24.92	14.30
GROUP 8-A.....	\$ 22.71	14.34
AREA 2:		
GROUP 1.....	\$ 36.18	14.34
GROUP 2.....	\$ 34.65	14.34
GROUP 3.....	\$ 33.17	14.34
GROUP 4.....	\$ 31.79	14.34
GROUP 5.....	\$ 30.52	14.34
GROUP 6.....	\$ 29.20	14.34
GROUP 7.....	\$ 28.06	14.34
GROUP 8.....	\$ 26.92	14.34
GROUP 8-A.....	\$ 24.71	14.34
Power Equipment Operators -		
All Cranes and Attachments:		
AREA 1: GROUP 1		
Cranes.....	\$ 35.06	14.34
Oiler.....	\$ 25.80	14.34
Truck crane oiler.....	\$ 28.09	14.34
AREA 1: GROUP 2		
Cranes.....	\$ 33.30	14.34
Oiler.....	\$ 25.59	14.34
Truck crane oiler.....	\$ 27.83	14.34
AREA 1: GROUP 3		
Cranes.....	\$ 31.56	14.34
Hydraulic.....	\$ 27.20	14.34
Oiler.....	\$ 25.31	14.34
Truck crane oiler.....	\$ 27.59	14.34
AREA 2: GROUP 1		
Cranes.....	\$ 37.06	14.34
Oiler.....	\$ 27.80	14.34
Truck crane oiler.....	\$ 30.09	14.34
AREA 2: GROUP 2		
Cranes.....	\$ 35.30	14.34
Oiler.....	\$ 27.59	14.34
Truck crane oiler.....	\$ 29.83	14.34
AREA 2: GROUP 3		
Cranes.....	\$ 33.56	14.34
Hydraulic.....	\$ 29.20	14.34
Oiler.....	\$ 27.31	14.34
Truck crane oiler.....	\$ 29.59	14.34
Power Equipment Operators -		
Piledrivers:		
GROUP 1		
Lifting devices.....	\$ 35.40	14.34
Oiler.....	\$ 26.14	14.34
Truck crane oiler.....	\$ 28.42	14.34
GROUP 2		
Lifting devices.....	\$ 33.58	14.34
Oiler.....	\$ 25.87	14.34

Truck crane oiler.....\$	28.17	14.34
GROUP 3		
Lifting devices.....\$	31.90	14.34
Oiler.....\$	25.65	14.34
Truck crane oiler.....\$	27.88	14.34
GROUP 4.....\$	30.13	14.34
GROUP 5.....\$	27.49	14.34
GROUP 6.....\$	25.26	14.34
Power equipment operators - steel erection:		
GROUP 1		
Cranes.....\$	36.03	14.34
Oiler.....\$	26.48	14.34
Truck crane oiler.....\$	28.71	14.34
GROUP 2		
Cranes.....\$	34.26	14.34
Oiler.....\$	26.21	14.34
Truck crane oiler.....\$	28.49	14.34
GROUP 3		
Cranes.....\$	32.78	14.34
Hydraulic.....\$	27.83	14.34
Oiler.....\$	25.99	14.34
Truck crane oiler.....\$	28.22	14.34
GROUP 4.....\$	30.76	14.34
GROUP 5.....\$	29.46	14.34
Power Equipment Operators - Tunnel and Underground Work:		
SHAFTS, STOPES, RAISES:		
AREA 1:		
GROUP 1.....\$	30.28	14.34
GROUP 1-A.....\$	32.75	14.34
GROUP 2.....\$	29.02	14.34
GROUP 3.....\$	27.69	14.34
GROUP 4.....\$	26.55	14.34
GROUP 5.....\$	25.41	14.34
SHAFTS, STOPES, RAISES:		
AREA 2:		
GROUP 1.....\$	32.28	14.34
GROUP 1-A.....\$	34.75	14.34
GROUP 2.....\$	31.02	14.34
GROUP 3.....\$	29.69	14.34
GROUP 4.....\$	28.55	14.34
GROUP 5.....\$	27.41	14.34
UNDERGROUND: AREA 1:		
GROUP 1.....\$	30.18	14.34
GROUP 1-A.....\$	32.65	14.34
GROUP 2.....\$	28.92	14.34
GROUP 3.....\$	27.59	14.34
GROUP 4.....\$	26.45	14.34
GROUP 5.....\$	25.31	14.34
UNDERGROUND: AREA 2:		
GROUP 1.....\$	32.18	14.34
GROUP 1-A.....\$	34.65	14.34
GROUP 2.....\$	30.92	14.34
GROUP 3.....\$	29.59	14.34
GROUP 4.....\$	28.45	14.34
GROUP 5.....\$	27.31	14.34

FOOTNOTE: Work suspended by ropes or cables, or work on a Yo-Yo Cat: \$.60 per hour additional.

#### POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Licensed construction work boat operator, on site; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine assistant to engineer or mechanic; Crane mounted continuous flight tie back machine, tonnage to apply; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Long reach excavator; Multiple engine scraper (when used as push pull); Power shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572 or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull-type elevating loader; Gradesetter, grade checker (GPS, mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber-tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Spider plow and spider puller; Tubex pile rig; Unlicensed construction work boat operator, on site; Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt); Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller; Trenching machine, maximum digging capacity over 5 ft. depth; Vermeer T-600B rock cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom-

type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self-propelled pipeline wrapping machine; Soils & materials tester; Tractor; Self-loading chipper; Concrete barrier moving machine

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical trench shield; Pavement breaker with or without compressor combination; Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip Seal; Self-propelled automatically applied concrete curing machine (on streets, highways, airports and canals); Self-propelled compactor (without dozer); Signalperson; Slip-form pumps (lifting device for concrete forms); Tie spacer; Tower mobile; Trenching machine, maximum digging capacity up to and including 5 ft. depth; Truck-type loader

GROUP 8: Bit sharpener; Boiler tender; Box operator; Brakeperson; Combination mixer and compressor (shotcrete/gunite); Compressor operator; Deckhand; Fire tender; Forklift (under 20 ft.); Generator; Gunite/shotcrete equipment operator; Hydraulic monitor; Ken seal machine (or similar); Mixermobile; Oiler; Pump operator; Refrigeration plant; Reservoir-debris tug (self-propelled floating); Ross Carrier (construction site); Rotomist operator; Self-propelled tape machine; Shuttlecar; Self-propelled power sweeper operator (includes vacuum sweeper); Slusher operator; Surface heater; Switchperson; Tar pot firetender; Tugger hoist, single drum; Vacuum cooling plant; Welding machine (powered other than by electricity)

GROUP 8-A: Elevator operator; Skidsteer loader-Bobcat 743 series or smaller, and similar (without attachments); Mini excavator under 25 H.P. (backhoe-trencher); Tub grinder wood chipper

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ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and dragline over 7 cu. yds.; Crane, over 100 tons; Derrick, over 100 tons; Derrick barge pedestal-mounted, over 100 tons; Self-propelled boom-type

lifting device, over 100 tons

GROUP 2: Clamshell and dragline over 1 cu. yd. up to and including 7 cu. yds.; Crane, over 45 tons up to and including 100 tons; Derrick barge, 100 tons and under; Self-propelled boom-type lifting device, over 45 tons; Tower crane

GROUP 3: Clamshell and dragline up to and including 1 cu. yd.; Cranes 45 tons and under; Self-propelled boom-type lifting device 45 tons and under; Boom Truck or dual purpose A-frame truck, non-rotating over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) over 15 tons;

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PILEDRIVERS

GROUP 1: Derrick barge pedestal mounted over 100 tons; Clamshell over 7 cu. yds.; Self-propelled boom-type lifting device over 100 tons; Truck crane or crawler, land or barge mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and including 100 tons; Clamshell up to and including 7 cu. yds.; Self-propelled boom-type lifting device over 45 tons; Truck crane or crawler, land or barge mounted, over 45 tons up to and including 100 tons; Fundex F-12 hydraulic pile rig

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-propelled boom-type lifting device 45 tons and under; Skid/scow piledriver, any tonnage; Truck crane or crawler, land or barge mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer; Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender  
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STEEL ERECTORS

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-propelled boom-type lifting device over 100 tons

GROUP 2: Crane over 45 tons to 100 tons; Derrick under 100 tons; Self-propelled boom-type lifting device over 45 tons to 100 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty repair person/welder

GROUP 5: Boom cat POWER  
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TUNNEL AND UNDERGROUND WORK

GROUP 1-A: Tunnel bore machine operator, 20' diameter or more

GROUP 1: Heading shield operator; Heavy-duty repairperson; Mucking machine (rubber tired, rail or track type); Raised bore operator (tunnels); Tunnel mole bore operator

GROUP 2: Combination slusher and motor operator; Concrete pump or pumpcrete gun; Power jumbo operator

GROUP 3: Drill doctor; Mine or shaft hoist

GROUP 4: Combination slurry mixer cleaner; Grouting Machine operator; Motorman

GROUP 5: Bit Sharpener; Brakeman; Combination mixer and compressor (gunite); Compressor operator; Oiler; Pump operator; Slusher operator  
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AREA DESCRIPTIONS:

POWER EQUIPMENT OPERATORS, CRANES AND ATTACHMENTS, TUNNEL AND UNDERGROUND [These areas do not apply to Piledrivers and Steel Erectors]

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part

Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Except Eastern part

Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part

Area 2: Remainder

DEL NORTE COUNTY:

Area 1: Extreme Southwestern corner

Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part

Area 2: Remainder

FRESNO COUNTY

Area 1: Except Eastern part

Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part

Area 2: Remainder

HUMBOLDT COUNTY:

Area 1: Except Eastern and Southwestern parts

Area 2: Remainder

LAKE COUNTY:

Area 1: Southern part

Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border with Shasta County

Area 2: Remainder

MADERA COUNTY

Area 1: Remainder

Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Remainder

Area 2: Eastern part

MENDOCINO COUNTY:

Area 1: Central and Southeastern parts

Area 2: Remainder

MONTEREY COUNTY

Area 1: Remainder

Area 2: Southwestern part

NEVADA COUNTY:

Area 1: All but the Northern portion along the border of Sierra County



Area 2: Remainder  
 PLACER COUNTY:  
 Area 1: All but the Central portion  
 Area 2: Remainder  
 PLUMAS COUNTY:  
 Area 1: Western portion  
 Area 2: Remainder  
 SHASTA COUNTY:  
 Area 1: All but the Northeastern corner  
 Area 2: Remainder  
 SIERRA COUNTY:  
 Area 1: Western part  
 Area 2: Remainder  
 SISKIYOU COUNTY:  
 Area 1: Central part  
 Area 2: Remainder  
 SONOMA COUNTY:  
 Area 1: All but the Northwestern corner  
 Area 2: Reaminder  
 TEHAMA COUNTY:  
 Area 1: All but the Western border with mendocino & Trinity  
 Counties  
 Area 2: Remainder  
 TRINITY COUNTY:  
 Area 1: East Central part and the Northeaster border with  
 Shasta County  
 Area 2: Remainder  
 TULARE COUNTY;  
 Area 1: Remainder  
 Area 2: Eastern part  
 TUOLUMNE COUNTY:  
 Area 1: Remainder  
 Area 2: Eastern Part

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 ENGI0003-008 07/01/2003

	Rates	Fringes
Dredging: (DREDGING: CLAMSHELL & DIPPER DREDGING; HYDRAULIC SUCTION DREDGING:)		
AREA 1:		
(1) Leverman.....	\$ 34.90	14.87
(2) Dredge Dozer; Heavy duty repairman....	\$ 29.94	14.87
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator.....	\$ 28.82	14.87
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler.....	\$ 25.52	14.87
AREA 2:		
(1) Leverman.....	\$ 36.90	14.87
(2) Dredge Dozer; Heavy duty repairman....	\$ 31.94	14.87
(3) Booster Pump		

Operator; Deck		
Engineer; Deck mate;		
Dredge Tender;		
Winch Operator.....\$ 30.82		14.87
(4) Bargeman;		
Deckhand; Fireman;		
Leveehand; Oiler.....\$ 27.52		14.87

#### AREA DESCRIPTIONS

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2: MODOC COUNTY

THE REMAINGING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part

Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Remainder

Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part

Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part

Area 2: Remainder

FRESNO COUNTY:

Area 1: Remainder

Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part

Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border with Shasta County

Area 2: Remainder

MADERA COUNTY:

Area 1: Except Eastern part

Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Except Eastern part

Area 2: Eastern part

MONTERREY COUNTY

Area 1: Except Southwestern part

Area 2: Southwestern part

NEVADA COUNTY:

Area 1: All but the Northern portion along the border of Sierra County

Area 2: Remainder

PLACER COUNTY:

Area 1: Al but the Central portion

Area 2: Remainder

PLUMAS COUNTY:

Area 1: Western portion

Area 2: Remainder

SHASTA COUNTY:

Area 1: All but the Northeastern corner  
Area 2: Remainder  
SIERRA COUNTY:  
Area 1: Western part  
Area 2: Remainder  
SISKIYOU COUNTY:  
Area 1: Central part  
Area 2: Remainder  
SONOMA COUNTY:  
Area 1: All but the Northwestern corner  
Area 2: Remainder  
TEHAMA COUNTY:  
Area 1: All but the Western border with Mendocino & Trinity  
Counties  
Area 2: Remainder  
TRINITY COUNTY:  
Area 1: East Central part and the Northeastern border with  
Shasta County  
Area 2: Remainder  
TUOLUMNE COUNTY:  
Area 1: Except Eastern part  
Area 2: Eastern part

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IRON0001-014 07/01/2002  
ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, MARIN, MODOC,  
NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA,  
SISKIYOU, SOLANO, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA  
COUNTIES

	Rates	Fringes
Ironworkers:		
Fence erector.....	\$ 25.97	15.29
Ornamental, reinforcing and structural.....	\$ 26.86	15.29

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IRON0001-022 07/01/2002  
LASSEN COUNTY

	Rates	Fringes
Ironworkers:		
Fence erector.....	\$ 25.97	15.29
Ornamental, reinforcing and structural.....	\$ 26.86	15.29

FOOTNOTE: Work at Susanville Federal Prison additional \$3.00  
per hour.

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IRON0001-023 07/01/2002  
SONOMA COUNTY

	Rates	Fringes
Ironworkers:		
Fence erector.....	\$ 25.97	15.29
Ornamental, reinforcing and structural.....	\$ 26.86	15.29

FOOTNOTE: Work at the U.S. Coast Guard-Two Rock: \$1.00 per  
hour additional.

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LABO0067-003 12/01/2002  
ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MARIN,  
NAPA, MODOC,NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA,

SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO AND  
YUBA COUNTIES

	Rates	Fringes
Asbestos Removal Laborer.....	\$ 10.75	2.31
SCOPE OF WORK: Covers site mobilization; initial site clean-up; site preparation; removal of asbestos-containing materials from walls and ceilings; or from pipes, boilers and mechanical systems only if they are being scrapped; encapsulation, enclosure and disposal of asbestos-containing materials by hand or with equipment or machinery; scaffolding; fabrication of temporary wooden barriers; and assembly of decontamination stations.		

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LABO0067-005 06/24/2002

	Rates	Fringes
Laborer		
ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES		
Construction		
Specialist Group.....	\$ 22.34	9.08
GROUP 1.....	\$ 21.64	9.08
GROUP 1-a.....	\$ 21.86	9.08
GROUP 1-c.....	\$ 21.69	9.08
GROUP 1-e.....	\$ 22.19	9.18
GROUP 1-f.....	\$ 22.22	9.08
GROUP 2.....	\$ 21.49	9.08
GROUP 3.....	\$ 21.39	9.08
GROUP 4.....	\$ 15.08	9.08

See groups 1-b and 1-d under laborer classifications.

Laborer: Gunite

ALPINE, AMADOR, BUTTE,  
COLUSA, EL DORADO,  
GLENN, LASSEN, MODOC,  
NAPA, NEVADA, PLACER,  
PLUMAS, SACRAMENTO,  
SHASTA, SIERRA,  
SISKIYOU, SOLANO,  
SONOMA, SUTTER, TEHAMA,  
TRINITY, YOLO AND YUBA  
COUNTIES

GROUP 1.....	\$ 23.60	9.08
GROUP 2.....	\$ 23.10	9.08
GROUP 3.....	\$ 22.51	9.08
GROUP 4.....	\$ 22.39	9.08

MARIN COUNTY:

GROUP 1.....	\$ 22.60	9.08
GROUP 2.....	\$ 22.10	9.08
GROUP 3.....	\$ 21.51	9.08
GROUP 4.....	\$ 21.39	9.08

See groups 1-b and 1-d under laborer classifications.

Laborer: Landscape

(GARDENERS, HORTICULTURAL &  
LANDSCAPE LABORERS)

ALPINE, AMADOR, BUTTE,  
COLUSA, EL DORADO,  
GLENN, LASSEN, MODOC,  
NAPA, NEVADA, PLACER,  
PLUMAS, SACRAMENTO,  
SHASTA, SIERRA,  
SISKIYOU, SOLANO,  
SONOMA, SUTTER, TEHAMA,  
TRINITY, YOLO AND YUBA  
COUNTIES

(1) New construction.....\$ 21.39 9.08

(2) Establishment

warranty period.....\$ 15.08 9.08

Laborer: Landscape

MARIN COUNTY

(1) New construction.....\$ 22.39 9.08

(2) Establishment

warranty period.....\$ 16.08 9.08

GARDENERS, HORTICULTURAL & LANDSCAPE LABORERS

Laborer: Wrecking,

buildings and miscellaneous  
structures

ALPINE, AMADOR, BUTTE,  
COLUSA, EL DORADO,  
GLENN, LASSEN, MODOC,  
NAPA, NEVADA, PLACER,  
PLUMAS, SACRAMENTO,  
SHASTA, SIERRA,  
SISKIYOU, SOLANO,  
SONOMA, SUTTER, TEHAMA,  
TRINITY, YOLO AND YUBA  
COUNTIES

GROUP 1.....\$ 22.64 9.08

GROUP 2.....\$ 22.49 9.08

GROUP 3.....\$ 16.08 9.08

MARIN COUNTY:

GROUP 1.....\$ 21.64 9.08

GROUP 2.....\$ 21.49 9.08

GROUP 3.....\$ 15.08 9.08

See groups 1-b and 1-d under laborer classifications.

Laborers:

MARIN COUNTY

Construction

specialist group.....\$ 23.34 9.08

GROUP 1.....\$ 22.64 9.08

GROUP 1-a.....\$ 22.86 9.08

MARIN COUNTY:

GROUP 1-c.....\$ 22.69 9.08

GROUP 1-e.....\$ 23.19 9.08

GROUP 1-f.....\$ 23.22 9.08

GROUP 2.....\$ 22.49 9.08

GROUP 3.....\$ 22.39 9.08

GROUP 4.....\$ 16.08 9.08

See groups 1-b and 1-d under laborer classifications.  
FOOTNOTE: Laborers working off or with or from bos'n chairs, swingin scaffolds, belts (not applicable to workers entitled to receivethe wage rate set forth in Group 1-a): \$0.25 per hour additional.

#### LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in-place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill  
GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and buckler; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive \$4.00 per day above Group 1 wage rates. "Sewer cleaner" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those sho work inside recently active, large diameter sewers, and all recently active sewer manholes shall receive \$5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding  
GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: All clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:

A: at demolition site for the salvage of the material.  
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.  
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard. The material cleaner classification should not be used in the performance of "form stripping, cleaning and oiling and moving to the next point of erection".

#### GUNITE WORK CLASSIFICATIONS

GROUP 1: Structural nozzle operator

GROUP 2: Nozzle operator (including gun person, pot person); Rod person; Ground person

GROUP 3: Rebound person  
 GROUP 4: Gunite laborer  
 WRECKING WORK CLASSIFICATIONS  
 GROUP 1: Skilled wrecker (removing and salvaging of sash,  
 windows and materials)  
 GROUP 2: Semi-skilled wrecker (salvaging of other building  
 materials)  
 GROUP 3: General laborer (includes all clean-up work, loading  
 lumber, loading and burning of debris)

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 LABO0067-010 06/30/2002

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 27.00	9.08
GROUP 2.....	\$ 26.77	9.08
GROUP 3.....	\$ 26.52	9.08
GROUP 4.....	\$ 26.25	9.08
GROUP 5.....	\$ 26.07	9.08
GROUP 6.....	\$ 25.53	9.08

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Ground person; Gunite and shotcrete  
 nozzle operator  
 GROUP 2: Rod person; Shaft work & raise (below actual or  
 excavated ground level)  
 GROUP 3: Bit grinder; Blaster, driller, powder person -  
 heading; Cherry picker operator - where car is lifted;  
 Concrete finisher in tunnel; Concrete screed person; Grout  
 pump operator and pot person; Gunite & shotcrete gun person &  
 pot person; Header person; High pressure nozzle operator;  
 Miner - tunnel, including top and bottom person on shaft and  
 raise work; Nipper; Nozzle operator on slick line;  
 Sandblaster - pot person  
 GROUP 4: Steel form raiser and setter; Timber person,  
 retimber person (wood or steel or substitute materials  
 therefore); Tugger (for tunnel laborer work); Cable tender;  
 Chuck tender; Powder person - primer house  
 GROUP 5: Vibrator operator, pavement breaker; Bull gang -  
 muckers, track person; Concrete crew - includes rodding and  
 spreading  
 GROUP 6: Dump person (any method); Grout crew; Rebound  
 person; Swamper

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 LABO0073-001 07/01/2002

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MARIN,  
 MODOC, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA,  
 SIERRA, SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO  
 AND YUBA COUNTIES

	Rates	Fringes
Plasterer tender.....	\$ 21.58	9.27

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 LABO0139-002 07/01/2002

NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
Brick Tender.....	\$ 24.39	6.51

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 LABO0185-002 07/01/2002

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC,



NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU,  
SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
Brick Tender.....	\$ 23.84	6.51

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LABO0291-001 07/01/2002

MARIN COUNTY

	Rates	Fringes
Brick Tender.....	\$ 25.39	6.51

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PAIN0016-004 11/01/2002

NAPA AND SOLANO COUNTIES

	Rates	Fringes
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Painter

Work on industrial  
buildings (used for the  
manufacture and  
processing of goods for  
sale or service); Also,  
steel construction  
(bridges), stacks,  
towers, tanks and  
similar structures:

( 1) Brush and Roller.....	\$ 28.43	11.84
( 2) Working over 50 feet.....	\$ 30.43	11.84
( 3) 100 to 180 feet.....	\$ 32.43	11.84
( 4) over 180 feet.....	\$ 34.43	11.84
( 5) Spray and Sandblast.....	\$ 28.93	11.84
( 6) over 50 feet.....	\$ 30.93	11.84
( 7) 100 to 180 feet.....	\$ 32.93	11.84
( 8) over 180 feet.....	\$ 34.93	11.84
( 9) Application of Exotic materials.....	\$ 29.18	11.84
(10) Working over 50 feet.....	\$ 31.18	11.84
(11) 100 to 180 feet.....	\$ 33.18	11.84
(12) over 180 feet.....	\$ 35.18	11.84

Painters:

All Other Work:

(1) Brush and Roller.....	\$ 28.18	11.84
(2) over 50 feet.....	\$ 30.18	11.84
(3) 100 to 180 feet.....	\$ 32.18	11.84
(4) over 180 feet.....	\$ 34.18	11.84
(5) Application of Exotic materials.....	\$ 28.93	11.84
(6) over 50 feet.....	\$ 30.93	11.84
(7) 100 to 180 feet.....	\$ 32.93	11.84
(8) over 180 feet.....	\$ 34.93	11.84

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PAIN0016-005 02/01/2003

ALPINE, BUTTE, COLUSA, EL DORADO (west of the Sierra Nevada  
Mountains), GLENN, LASSEN (west of Hwy. 395, excluding Honey  
Lake); MARIN, MODOC, NAPA, NEVADA (west of the Sierra Nevada  
Mountains), PLACER (west of the Sierra Nevada Mountains),  
PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada

Mountains), SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY,  
YOLO AND YUBA COUNTIES

	Rates	Fringes
Drywall Finisher.....	\$ 28.94	11.17

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PAIN0016-007 11/01/2002

BUTTE AND COLUSA COUNTIES; EL DORADO COUNTY (west of the Sierra Nevada Mountains); GLENN COUNTY; LASSEN COUNTY (west of Highway 395, excluding Honey Lake); MODOC COUNTY; NEVADA COUNTY (west of the Sierra Nevada Mountains); PLACER COUNTY (west of the Sierra Nevada Mountains); PLUMAS, SACRAMENTO AND SHASTA COUNTIES; SIERRA COUNTY (west of the Sierra Nevada Mountains); SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
Painters:		
Brush, Pot Tender,		
Roller.....	\$ 23.13	9.75
Sandblaster, Spray,		
Structural Steel;		
Swing stage.....	\$ 24.13	9.75

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PAIN0016-014 11/01/2002

ALPINE COUNTY

	Rates	Fringes
Painters:		
Brush.....	\$ 21.89	7.94
Sandblaster;		
Waterblaster; Steam		
cleaning.....	\$ 22.89	7.94
Work with coal tar and		
exotic materials.....	\$ 23.64	7.94

FOOTNOTES:

High Time: Steel construction workers working on erected steel construction, bridges, stacks, towers, tanks and similar structures, from 50 to 100 ft. above ground or mean water level: to be paid 1 hour per day additional; 100 to 180 ft 2 hours additional pay per day; over 180 ft 3 hours additional pay per day. Exterior stage: Work on exterior stage 4-7 stories: to be paid 1/2 hr. per day additional. Work on exterior stage 8-11 stories: to be paid 1 hr. per day additional. Work on exterior stage 12 stories or higher: to be paid 1-1/2 hrs. per day additional. One story equals 10 ft.

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PAIN0016-020 01/01/2003

SONOMA & MARIN COUNTIES

	Rates	Fringes
Painters:		
MARIN COUNTY:		
General contracts \$7		
million and under.....	\$ 25.70	11.55
General contracts		
over \$7 million.....	\$ 28.31	11.55
SONOMA COUNTY:		
General contracts \$7		
million and under.....	\$ 25.45	11.55
General contracts		

over \$7 million.....\$ 29.06 11.55

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PAIN0016-023 07/01/2002

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA,  
PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO  
(remainder of County), SUTTER, TEHAMA, TRINITY, YOLO AND YUBA  
COUNTIES

	Rates	Fringes
Glazier.....	\$ 28.43	9.01
PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day		
HAZARD PAY: Employee required to wear a body harness shall receive \$1.50 per hour above the basic hourly rate at any elevation.		

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PAIN0169-004 07/01/2002

NAPA COUNTY; SOLANO COUNTY (west of a line defined as follows:  
Hwy. 80 corridor beginning at the City of Fairfield, including  
Travis Air Force Base and Suisun City; going north of Manakas  
Corner Rd., continue north on Suisun Valley Rd. to the Napa  
County line; Hwy. 80 corridor south on Grizzly Island Rd. to  
the Grizzly Island Management area)

	Rates	Fringes
Glazier.....	\$ 32.33	10.14

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PAIN0169-008 07/01/2002

NAPA COUNTY; SOLANO COUNTY (west of a line defined as follows:  
Hwy. 80 corridor beginning at the City of Fairfield, including  
Travis Air Force Base and Suisun City; going north of Manakas  
Corner Rd., continue north on Suisun Valley Rd. to the Napa  
County line; Hwy. 80 corridor south on Grizzly Island Rd. to  
the Grizzly Island Management area):

	Rates	Fringes
Shower Door Installer.....	\$ 24.83	5.01+a
PAID HOLIDAYS: New Year's Day, President's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Day after Thanksgiving, and Christmas Day.		

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PAIN0567-001 10/01/2001

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN  
COUNTY (east of Highway 395, beginning at Stacey and including  
Honey Lake); NEVADA COUNTY (east of the Sierra Nevada  
Mountains); PLACER COUNTY (east of the Sierra Nevada  
Mountains); AND SIERRA COUNTY (east of the Sierra Nevada  
Mountains)

	Rates	Fringes
Painters:		
Brush and roller.....	\$ 20.53	5.06
Sandblaster.....	\$ 21.03	5.06
Special coating application		
Brush.....	\$ 21.03	5.06
Spray steel.....	\$ 21.78	5.06
Spray.....	\$ 21.53	5.06
Spray and Paperhanger.....	\$ 21.28	5.06
Structural steel &		

steeplejack, 40 ft.  
open space below (does  
not include stairways,  
tube steel, Q-decks,  
and trust joints worked  
off power lift in  
enclosed buildings);  
Special coating

application - spray.....\$ 21.53	5.06
Swing Stage.....\$ 22.53	5.06

FOOTNOTE: A special coating is a coating that requires the  
mixing of 2 or more products.

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PAIN0567-007 07/01/2003

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN  
COUNTY (east of Highway 395, beginning at Stacey and including  
Honey Lake); NEVADA COUNTY (east of the Sierra Nevada  
Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains)  
AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
Soft Floor Layer.....\$ 21.60		5.45

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PAIN0567-010 10/01/2001

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN  
COUNTY (east of Highway 395, beginning at Stacey and including  
Honey Lake); NEVADA COUNTY (east of the Sierra Nevada  
Mountains); PLACER COUNTY (east of the Sierra Nevada  
Mountains); AND SIERRA COUNTY (east of the Sierra Nevada  
Mountains)

	Rates	Fringes
Drywall		
Steeplejack - taper, over 40 ft. with open space below.....\$ 23.58		4.76
Taper.....\$ 22.08		4.76

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PAIN0718-001 07/01/2002

MARIN AND SONOMA COUNTIES

	Rates	Fringes
Glazier.....\$ 30.90		11.57

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PAIN1176-001 06/26/2000

	Rates	Fringes
Parking Lot		
Striping/Highway Marking:		
GROUP 1.....\$ 22.84		6.91
GROUP 2.....\$ 22.45		6.91
GROUP 3.....\$ 19.51		6.91
GROUP 4.....\$ 22.15		6.91
Parking Lot, Game Court and Playground		
Installer.....\$ 19.51		6.91
Service Person (maintenance and repair of equipment).....\$ 13.33		5.87

PARKING LOT STRIPING / HIGHWAY MARKING CLASSIFICATIONS

GROUP 1: STRIPER: Layout and application of painted traffic

stripes and marking; hot thermo plastic; tape traffic stripes and markings

GROUP 2: TRAFFIC DELINEATING DEVICE APPLICATOR: Layout and application of pavement markers, delineating signs, rumble and traffic bars, adhesives, guide markers, other traffic delineating devices; includes all related surface preparation (sandblasting, waterblasting, grinding) as part of the application process

GROUP 3: TRAFFIC SURFACE ABRASIVE BLASTER: Removal of traffic lines and markings; preparation of surface for coatings and traffic control devices

GROUP 4: TRAFFIC PROTECTIVE DELINEATING SYSTEMS INSTALLER: Removes, relocates, installs permanently affixed roadside and parking delineation barricades, fencing, guard rail, cable anchor, retaining walls, reference signs, and monument markers

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PAIN1237-001 06/01/2001

ALPINE; COLUSA; EL DORADO (west of the Sierra Nevada Mountains); GLENN; LASSEN (west of Highway 395, beginning at Stacey and including Honey Lake); MODOC; NEVADA (west of the Sierra Nevada Mountains); PLACER (west of the Sierra Nevada Mountains); PLUMAS; SACRAMENTO; SHASTA; SIERRA (west of the Sierra Nevada Mountains); SISKIYOU; SUTTER; TEHAMA; TRINITY; YOLO AND YUBA COUNTIES

	Rates	Fringes
Soft Floor Layer.....	\$ 25.00	7.17

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PAIN1600-003 01/01/2003

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
Soft Floor Layer.....	\$ 33.85	10.43

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PLAS0300-003 07/01/2002

	Rates	Fringes
Plasterer		
ALPINE, AMADOR, BUTTE,		
COLUSA, EL DORADO,		
GLENN, LASSEN, MODOC,		
NEVADA, PLACER, PLUMAS,		
SACRAMENTO, SHASTA,		
SIERRA, SISKIYOU,		
SOLANE, SUTTER, TEHAMA,		
TRINITY, YOLO AND YUBA		
COUNTIES.....	\$ 26.34	9.48
MARIN, NAPA AND SONOMA		
COUNTIES.....	\$ 26.34	9.48

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PLAS0300-005 07/01/2001

	Rates	Fringes
Cement Mason.....	\$ 27.18	7.58

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PLUM0036-005 01/01/2003

	Rates	Fringes
Plumber		
ALPINE; AMADOR (south		
of the San Joaquin		
River); GLENN, LASSEN,		

AND TEHAMA COUNTIES.....\$ 29.29	11.79
BUTTE, COLUSA, MODOC, PLUMAS, SHASTA, SIERRA, SISKIYOU, SUTTER, TRINITY AND YUBA COUNTIES.....\$ 28.79	11.79

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 PLUM0038-002 07/01/2002  
 MARIN AND SONOMA COUNTIES

	Rates	Fringes
Plumber		
(1) Work on structures 5 stories or less except for new additions or remodel of prisons or waste water treatment plants.....\$ 17.04		12.86
(2) All other work.....\$ 36.05		13.93

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 PLUM0038-006 07/01/2002  
 MARIN & SONOMA COUNTIES

	Rates	Fringes
Landscape/Irrigation Fitter....\$ 25.40		10.38

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 PLUM0343-001 07/01/2002  
 NAPA AND SOLANO COUNTIES

	Rates	Fringes
Plumber and Steamfitter		
(1) LIGHT COMMERCIAL: Work shall include strip shopping centers, office buildings, schools and other commercial structures which the total plumbing bid does not exceed Two Hundred and Fifty Thousand (\$250,000) and the total heating and cooling does not exceed Two Hundred Fifty Thousand (\$250,000); or Any projects bid in phases shall not qualify unless the total project is less than Two Hundred Fifty Thousand (\$250,000) for the plumbing bid; and Two Hundred Fifty Thousand (\$250,000) for the heating and cooling bid. Excluded are hospitals, jails, institutions and industrial projects,		

regardless size of the project.....	\$ 25.90	11.80
(2) All other work.....	\$ 33.90	13.30

Plumber/Pipefitter  
 Work performed on single family residential units, condominiums, townhouses, apartment houses and mobile home parks or any other building to be occupied as living quarters.....

	\$ 25.90	11.80
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FOOTNOTES: While fitting galvanized material: \$.75 per hour additional. Work from trusses, temporary staging, unguarded structures 35' from the ground or water: \$.75 per hour additional. Work from swinging scaffolds, boatswains chairs or similar devices: \$.75 per hour additional.

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 \* PLUM0350-001 02/01/2002  
 EL DORADO COUNTY (Lake Tahoe area only); NEVADA COUNTY (Lake Tahoe area only); AND PLACER COUNTY (Lake Tahoe area only)

	Rates	Fringes
Plumber/Pipefitter.....	\$ 16.65	3.70

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PLUM0355-001 07/01/2002  
 ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Underground Utility Worker.....	\$ 23.75	5.05

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PLUM0355-006 07/01/2002  
 ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Landscape Fitter.....	\$ 23.75	5.05

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PLUM0447-001 07/01/2002

	Rates	Fringes
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Plumber/Pipefitter  
 AMADOR COUNTY (north of San Joaquin River)  
 Heavy & Highway Construction.....

	\$ 30.97	11.35
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EL DORADO COUNTY  
 (excluding Lake Tahoe area); NEVADA COUNTY  
 (excluding Lake Tahoe area); PLACER COUNTY  
 (excluding Lake Tahoe area); SACRAMENTO AND YOLO COUNTIES:

(1) Light Commercial		
Work.....	\$ 21.43	7.97
(2) All Other Work.....	\$ 30.97	11.35
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ROOF0081-006 08/01/2000		
MARIN, NAPA, SOLANO AND SONOMA COUNTIES		
	Rates	Fringes
Roofer.....	\$ 22.80	9.85
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ROOF0081-007 08/01/2001		
ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES		
	Rates	Fringes
Roofer.....	\$ 18.81	7.05
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SFCA0483-003 08/01/2001		
MARIN, NAPA, SOLANO AND SONOMA COUNTIES		
	Rates	Fringes
Sprinkler Fitter, Fire.....	\$ 36.59	11.20
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SFCA0669-003 01/01/2004		
ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES		
	Rates	Fringes
Sprinkler Fitter, Fire.....	\$ 27.35	10.95
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SHEE0104-003 07/01/2002		
TRINITY COUNTY		
	Rates	Fringes
Sheet Metal Worker (excluding metal decking and siding)		
(1) Work on multiple family housing units over 4 stories where each individual family apartment is individually conditioned by a separate and independent unit or system; Also, work on any structure other than multiple family housing units, with a total HVAC and architectural sheet metal price of \$125,000 or less.....	\$ 16.91	5.68
Sheet Metal Worker (2) All other work.....	\$ 22.34	9.87
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SHEE0104-006 07/01/2002		
MARIN, NAPA, SOLANO AND SONOMA COUNTIES		
	Rates	Fringes



Sheet Metal Worker		
(1) work on tenant		
completion projects		
providing the contract		
price is \$242,000 or		
less; remodel or add-on		
contracts on existing		
facilities providing		
the contract price is		
\$220,000 or less;		
architectural sheet		
metal work of \$100,000		
or less; pre-engineered		
and pre-manufactured		
siding.....	\$ 33.17	12.61
(2) All other work.....	\$ 38.86	13.56

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SHEE0104-014 07/01/2002

MARIN, NAPA, SOLANO, SONOMA AND TRINITY COUNTIES

	Rates	Fringes
Sheet Metal Worker (Metal		
decking and siding only).....	\$ 28.17	15.12

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SHEE0162-006 07/01/2002

AMADOR, COLUSA, EL DORADO, NEVADA, PLACER, SACRAMENTO, SUTTER,  
YOLO AND YUBA COUNTIES

	Rates	Fringes
Sheet Metal Worker.....	\$ 31.55	11.61

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SHEE0162-007 01/01/2004

ALPINE COUNTY

	Rates	Fringes
Sheet Metal Worker.....	\$ 27.72	11.78

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SHEE0162-008 07/01/1999

BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER,  
PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA,  
YOLO AND YUBA COUNTIES

	Rates	Fringes
Sheet Metal Worker (Metal		
decking and siding only).....	\$ 29.42	9.52

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SHEE0162-014 07/01/2002

BUTTE, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA, SISKIYOU  
AND TEHAMA COUNTIES

	Rates	Fringes
Sheet Metal Worker		
MECHANICAL JOBS		
\$200,000 OR UNDER.....	\$ 25.27	11.61
MECHANICAL JOBS OVER		
\$200,000.....	\$ 31.55	11.61

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TEAM0094-001 07/01/2002

	Rates	Fringes
Truck drivers:		
GROUP 1.....	\$ 23.02	13.10
GROUP 2.....	\$ 23.32	13.10

GROUP 3.....	\$ 23.62	13.10
GROUP 4.....	\$ 23.97	13.10
GROUP 5.....	\$ 24.32	13.10

#### FOOTNOTES:

Articulated dump truck; Bulk cement spreader (with or without auger); Dumpcrete truck; Skid truck (debris box); Dry pre-batch concrete mix trucks; Dumpster or similar type; Slurry truck: Use dump truck yardage rate. Heater planer; Asphalt burner; Scarifier burner; Industrial lift truck (mechanical tailgate); Utility and clean-up truck: Use appropriate rate for the power unit or the equipment utilized.

#### TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Dump trucks, under 6 yds.; Single unit flat rack (2-axle unit); Nipper truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump machine; Fork lift and lift jitneys; Fuel and/or grease truck driver or fuel person; Snow buggy; Steam cleaning; Bus or personhaul driver; Escort or pilot car driver; Pickup truck; Teamster oiler/greaser and/or serviceperson; Hook tender (including loading and unloading); Team driver; Tool room attendant (refineries)

GROUP 2: Dump trucks, 6 yds. and under 8 yds.; Transit mixers, through 10 yds.; Water trucks, under 7,000 gals.; Jetting trucks, under 7,000 gals.; Single-unit flat rack (3-axle unit); Highbed heavy duty transport; Scissor truck; Rubber-tired muck car (not self-loaded); Rubber-tired truck jumbo; Winch truck and "A" frame drivers; Combination winch truck with hoist; Road oil truck or bootperson; Buggymobile; Ross, Hyster and similar straddle carriers; Small rubber-tired tractor

GROUP 3: Dump trucks, 8 yds. and including 35 yds.; Transit mixers, over 10 yds.; Water trucks, 7,000 gals. and over; Jetting trucks, 7,000 gals. and over; Vacuum trucks under 7500 gals. Trucks towing tilt bed or flat bed pull trailers; Lowbed heavy duty transport; Heavy duty transport tiller person; Self-propelled street sweeper with self-contained refuse bin; Boom truck - hydro-lift or Swedish type extension or retracting crane; P.B. or similar type self-loading truck; Tire repairperson; Combination bootperson and road oiler; Dry distribution truck (A bootperson when employed on such equipment, shall receive the rate specified for the classification of road oil trucks or bootperson); Ammonia nitrate distributor, driver and mixer; Snow Go and/or plow

GROUP 4: Dump trucks, over 35 yds. and under 65 yds.; Water pulls - DW 10's, 20's, 21's and other similar equipment when pulling Aqua/pak or water tank trailers; Helicopter pilots (when transporting men and materials); Lowbedk Heavy Duty Transport up to including 7 axles; DW10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTourneau Pulls, Tournorocker, Euclid and similar type equipment when pulling fuel and/or grease tank trailers or other miscellaneous trailers; Vacuum Trucks 7500 gals and over and truck repairman

GROUP 5: Dump trucks, 65 yds. and over; Holland hauler; Low bed Heavy Duty Transport over 7 axles

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

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## SECTION 01430

### ENVIRONMENTAL PROTECTION

#### 1. WORK INCLUDED.

This section covers the furnishing of all labor, materials and equipment and performing all work required for the protection of the environment during dredging operations except for those measures set forth in other Technical Clauses of these specifications. For the purpose of this specification, environmental protection is defined as the retention of the environment in its natural state to the greatest possible extent during project construction and to enhance the natural appearance in its final condition. Environmental protection requires consideration of air, water and land, and involves noise, solid waste-management and management of radiant energy, and radioactive materials, as well as other pollutants. In addition, environmental protection requires consideration of impacts on vegetation, fishes, wildlife and species listed as endangered or threatened, or proposed for such listing by Federal or State agencies, including "sensitive" or "species of concern". In order to prevent, and to provide for abatement and control of, any environmental impact arising from the construction activities in the performance of this contract, the Contractor and his subcontractors shall comply with all applicable Federal, State, and local environmental laws and regulations.

#### 2. APPLICABLE REGULATIONS.

In order to prevent, and to provide for abatement and control of, any environmental degradation arising from the construction activities in the performance of this contract, the Contractor and his subcontractors shall comply with all applicable Federal, State and local laws, and regulations concerning environmental degradation control and abatement, and all applicable provisions of the Corps of Engineers Manual, EM 385-1-1, entitled "Safety and Health Requirements", dated 3 November 2003, as well as the specific requirements stated elsewhere in the contract specifications.

#### 3. NOTIFICATION.

The Contracting Officer will notify the Contractor in writing of any non-compliance with the foregoing provisions and the action to be taken. The Contractor shall, after receipt of such notice, immediately take corrective action. Such notice, when delivered to the Contractor or his authorized representative at the site of the work, shall be deemed sufficient for the purpose. If the Contractor fails or refuses to comply promptly, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. No part of the time lost due to any such stop orders shall be made the subject of a claim for extension of time or for excess costs or damages by the Contractor unless it was later determined the Contractor was in compliance.

#### 4. SUBCONTRACTORS.

The contractor shall insure that subcontractors comply with the provisions of this section. The contractor shall include this section in all subcontracts.

## 5. IMPLEMENTATION.

### 5.1 Prior to commencement of the work the Contractor shall:

5.1.1 submit a Pollution Control Plan to implement the provisions of this section for Government approval.

5.1.2 Designate an individual responsible for environmental pollution control;

5.1.3 Furnish the Contracting Officer a copy of an authenticated letter of direction to the individual responsible and countersigned by the individual acknowledging receipt of responsibilities and duties for environmental pollution control, outlining his duties and responsibilities;

5.1.4 Meet with representatives of the Contracting Officer to develop mutual understandings relative to compliance with this provision and administration of the pollution control plan.

9.1 The Contractor shall not start construction until the Pollution Control Plan has been approved by the COR.

## 6. WATER POLLUTION CONTROL.

6.1 The Contractor shall not pollute the waters of the bay, rivers, harbors or beaches with fuels, oils or other materials which would have an adverse effect on aquatic life or its habitat or degrade water quality for any protected beneficial use. It is the responsibility of the Contractor to investigate and comply with all applicable Federal, State, County and Municipal regulations concerning pollution of the bay, harbor or beaches. All work under this contract shall be performed in such a manner that objectionable conditions will not be created in the project or adjacent areas. Disposal of any materials, wastes, effluent, trash, garbage, oil, grease, chemicals, etc., shall be subject to the approval of the Contracting Officer. If any waste material is dumped in unauthorized areas, the Contractor shall remove the material and restore the area to the condition of the adjacent undisturbed area, at no additional cost to the Government.

6.2 Fueling and lubrications of equipment shall be conducted in a manner that affords the maximum protection to spills and evaporation. Lubricants and waste oil to be discarded shall be stored in marked corrosion-resistant containers and recycled or disposed in accordance with Federal, State, and local laws and regulations.

6.3 ***In order to minimize turbidity and mitigate impacts to listed species from the resuspension of the dredged materials while dredging of the Bodega Bay Channel and the Coast Guard Station Channel, the contractor shall utilize an environmental (closed type) clamshell bucket to reduce the suspended sediment to settle out in the local dredging area. The environmental bucket shall be similar or equal to those manufactured by Cable Arm Inc. ([www.cablearm.com](http://www.cablearm.com)). The contractor shall submit the operation plan for the***

*environmental bucket to the contract representative approval prior to use of the environmental bucket.*

## 7. PROTECTION OF LAND RESOURCES.

7.1 General. The land resources outside the limits of permanent work performed under this contract shall be preserved in their present condition or be restored to a condition after completion of construction that will appear to be natural and not detract from the appearance of the project. The Contractor shall confine his construction activities to areas required for access and construction. The following additional requirements are intended to supplement the requirements of Contract Clauses "PROTECTION OF EXISTING VEGETATION, STRUCTURES, UTILITIES AND IMPROVEMENTS", "OPERATIONS AND STORAGE AREAS" and "CLEAN UP".

7.2 Prevention of Landscape Defacement. The Contractor shall not deface, injure or destroy trees, shrubs or other vegetative growth outside the project area.

7.3 Location of Storage Facilities. The Contractor shall store equipment and materials only in the areas designated on the drawings.

7.4 Post-Construction Cleanup or Obliteration. The Contractor shall obliterate all signs of temporary construction facilities such as haul roads, work areas, or any other vestiges of construction. The area will be restored to near natural conditions which will permit the growth of vegetation thereon. Except in specific cases, restoration to original contours will not be required, however all restored areas shall be smoothly and evenly dressed and sloped to drain. Any damage done to roads, parking lot or other structures shall be repaired as approved by the Contracting Officer.

7.5 Disposal of Waste. The Contractor shall not dispose of oil or other equipment waste fluids on or near the project area. Waste fluids shall be disposed of outside the limits of the project site at the cost and responsibility of the Contractor.

## 8. PROTECTION OF FISH AND WILDLIFE.

The Contractor shall at all times take such steps as are required to prevent any interference with or disturbance to fish, wildlife or eelgrass at the dredging site or while transporting dredged materials or equipment to a disposal site. Upon request by the Government, the Contractor shall allow a Government Biologist to board the dredge, disposal barge, or tug boat at any time. The Government Biologist shall be allowed access to any other project areas where there may be environmental concerns. The Contractor will not be permitted to disturb habitat within or adjacent to the project area which, in the opinion of the Government Biologist, are essential to fish, wildlife or eelgrass. The Contracting Officer shall have the authority to redirect dredging operations away from sensitive habitat. Changes to the dredging schedule necessary to meet the environmental monitoring requirements for the project will be made at no additional costs to the Government.

## 9. AIR QUALITY REQUIREMENTS.

If the work is performed by a hopper dredge, the Bay Area Air Quality Maintenance District (BAAQMD) requires that the dredge must be in compliance with Regulation #1, Section 301 (emission standards). Mechanical failures resulting in violations of particulate matter or sulfur compounds (Regulation #2) would be handled through application for a variance from the BAAQMD. If any of the work is to be performed by clamshell or hydraulic dredge, the Contractor shall be responsible for compliance with all BAAQMD regulations and standards including obtaining a permit for operation of a stationary source of air pollutants. A copy of the permit shall be included with the quality control plan. If applicable, at the Contractor-furnished land disposal site(s), the Contractor will be required to obtain any necessary air quality permits for operation of pumps and equipment. Copies of the permits shall be included with the quality control plan.

### 9.1 Diesel Powered Plant and Equipment

9.1.1 Unless “optimized” or diesel powered equipment with the “Best Available Control Technology” (BACT) emission devices are used, injection timing on diesel powered dredges and equipment shall be retarded two degrees from manufacturer’s recommended setting to reduce air pollutant emissions.

9.1.2 Reformulated diesel fuel shall be used for all diesel powered dredges and equipment to reduce air pollutant emissions. Reformulated diesel fuel shall be a low sulfur, reduced aromatics diesel fuel meeting the following specifications, unless otherwise approved by the Contracting Officer: (1) Sulfur content less than 0.05 percent by weight and (2) Aromatic content less than 20 percent by volume. Prior to dredging or construction operations, the Contractor shall submit certification from the fuel supplier or manufacturer stating that the fuel contents meet the above requirements and proof of purchase of the above specified fuel shall be submitted to the Contracting Officer.

9.1.3 Dredges and equipment shall not be allowed to idle when not required in performing the work.

9.1.4 Dredges and equipment shall be given a tune-up at least annually.

## 10. NOISE RESTRICTIONS.

Noise due to dredging and disposal activities shall conform to the guidelines and standards set forth by the California Office of Noise Control Standards, and in addition the following requirements:

10.1 Noise levels shall be monitored by the Contractor at a representative receptor point (noise monitoring Location 1 at the end of Sandpiper Spit) when dredging operations first occur within 900 meters of residences. If A-weighted noise levels exceed 60 dBA, limit

dredging activities in the Potrero Reach within 900 meters of any sensitive receptors to the daytime (7 A.M. to 7 P.M. on weekdays and 9 A.M. to 8 P.M. on weekends and legal holidays).

10.2 Equip all internal combustion engine-driven equipment with mufflers that are in good condition.

#### 11. MAINTENANCE OF POLLUTION CONTROL FACILITIES DURING CONSTRUCTION.

During the life of this contract the Contractor shall maintain all facilities constructed for pollution control under this contract as long as the operations creating the particular pollutant are being carried out until the material concerned has become stabilized to the extent that pollution is no longer being created.

#### 12. RECORDING AND PRESERVING HISTORICAL AND ARCHEOLOGICAL FINDS.

All project areas and items that reveal any evidence of past activity (e.g. wood, stone, bone, shell, midden, human burials, structural features, etc.) shall be carefully avoided. If any construction activity reveals any artifact of archeological or historical interest, work within the vicinity of the archeological or historical interest shall cease, so that the site remains undisturbed. Work may proceed within project areas not associated with the area of archeological or historical interest. The Contractor shall report the find to the Contracting Officer immediately, so that a qualified archaeologist can evaluate the significance of the find and carry out the appropriate actions in accordance with Federal Laws and Regulations. Work in the area in question shall not be allowed until clearance is given by the Contracting Officer.

#### 13. PAYMENT.

No separate or direct payment will be made for the work covered under this section, and all costs in connection therewith will be considered a subsidiary obligation of the Contractor.

\* \* \*

SAFETY IS A TEAM EFFORT

## DIVISION 2 - SITE WORK

### SECTION 02480

#### DREDGING

##### 1. WORK COVERED BY CONTRACT PRICES.

The contract price per cubic yard for dredging shall include the cost of removal and disposal of all shoaled materials as specified herein or indicated on the drawings.

##### 2. MOBILIZATION AND DEMOBILIZATION.

2.1 Mobilization shall consist of all work required in preparing the Contractor's dredging plant and equipment for shipment; moving plant, equipment, labor, materials, supplies and incidentals to the job site; making ready for dredging; and maintaining plant and equipment in working condition at the site during the dredging period.

2.2 The Contractor's plant and equipment to be used in performing the work shall be of sufficient size and efficiency to meet the job requirements and will be subject to approval by the Contracting Officer or a properly designated Contracting Officer's Representative (COR).

2.3 Demobilization shall consist of all work required to prepare plant and equipment for return trip and removing all plant, equipment, labor and unused supplies and incidentals from the job site at the completion of the contract work, including cleaning up any land based staging site used in the prosecution of the work.

2.4 The Contractor shall not remove the construction plant, equipment and material from the site without the written permission of the Contracting Officer; and shall maintain, not dismantle structures and facilities prepared or erected for the prosecution of the contract work prior to the completion and acceptance of the entire work without the written permission of the Contracting Officer.

##### 3. ESTIMATED QUANTITIES.

The estimated quantities shown in the bidding schedule for dredging includes material to be removed to the maximum limit of overdepth dredging as follows:

3.1 Standard Dredging. The total estimated quantities of material to be removed in the required standard dredging prism (exclusive of allowable overdepth), as shown in the bidding schedule is as follows:

Bid Items

Cubic Yards

0001AB	30,000
0001AC	100,000

These quantities will be used in determining adjustments, if any, under the terms of Special Clause "VARIATIONS IN ESTIMATED QUANTITIES - DREDGING".

3.2 Overdepth Dredging. Overdepth dredging will be allowed to the limits specified in paragraph 8, "OVERDEPTH AND EXCESSIVE DREDGING". The maximum amounts of overdepth dredging are as follows:

<u>Bid Items</u>	<u>Cubic Yards</u>
0001AB	3,000
0001AC	10,000

These quantities will be used in determining adjustments, if any, under the terms of Special Clause "VARIATIONS IN ESTIMATED QUANTITIES - DREDGING".

#### 4. SITE CONDITIONS.

The material to be removed to restore the depth within the limits shown on the drawings is composed of material that has accumulated since the channel was last dredged to that depth. In accordance with Contract Clause "SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK (FAR 52.236-0003)" the Contractor is expected to examine the site of the work. The characteristics of the materials for the Bodega Bay are consisted of variable sediment grain size ranged from predominately sand near the mouth of the harbor to the predominantly fine grained material in the upper reaches of the harbor. The records of previous maintenance dredging are available at the office of the District Commander, U. S. Army Corps of Engineers, 333 Market Street, San Francisco, California 94105.

#### 5. DREDGING.

5.1 General. Attention is directed to paragraph 3, "ORDER OF WORK", in Section 01005, "SUPPLEMENTARY CONDITIONS", wherein commencement of mobilization and dredging is specified. Unless otherwise authorized, all dredging shall be performed in the presence of the Contracting Officer or COR. Where dredged material is to be disposed of at the Government-furnished deep ocean disposal site ("SF-DODS"), dredging shall be performed by either (or a combination of) hopper dredging, hydraulic dredging, clamshell dredging, or other approved method. Except for hopper dredging, transport of all dredged material for disposal shall be by barge.

5.2 Dredging Plan . Prior to any dredging work, the Contractor shall submit a dredging plan for review and comment. Dredging shall not commence until all comments have been answered to the satisfaction of the Contracting Officer or COR. The plan shall show barge anchoring locations, hydraulic pipelines, pipe anchoring locations, hopper dredging lanes, description of hopper overflow operations, instrumentation used, coordinates and land elevations of all control points for electronic positioning system and MLLW determination, estimated daily dredge advances, quality control survey procedures, anticipated problem areas of project



involving poor access due to boat traffic congestion or boat docking, and procedures to assure that dredging will proceed within the contract template and performed in the most economical manner. The plan shall be updated on a weekly basis to allow notification to harbor and boat owners of dredge progress.

5.2.1 Acceptance Reaches for Payment. The Contractor shall schedule his dredging and disposal operations in accordance with the following specified sequence of dredging reaches, with all dredging/payment/acceptance reaches defined on the drawings. Each reach shall be pre-dredge surveyed, dredged to specified project depth, post-dredge surveyed, and accepted as final by the Government before progressing to the next reach, unless directed by the Contracting Officer. Any deviation from this sequence shall be requested and approved in writing.

5.2.2 Bodega Bay Harbor Channel Acceptance Reaches.

Reach 1: Station 0+00 to 80+00

Reach 2: Station 80+00 to 183+01

The contract hydrographic survey soundings represent conditions existing on the date of the survey shown on the drawings. The pre-dredge and post-dredge surveys performed by the Government on each reach will be used in determining quantity of material for payment. Determination of quantities removed, the deductions made there from and the related computations to determine quantities by in-place measurement to be paid in the area specified, after having once been made, will not be reopened, except on evidence of collusion, fraud, or obvious error. No progress payments will be made for each reach until all corresponding Contractor Q/C survey computations, data, field notes and drawings are received by the Contracting Officer.

The Contractor shall complete each dredging reach and perform required Q/C surveys for each reach prior to beginning work in any successive dredging reach. The Government Project Engineer shall accept or reject each reach in writing. The Government inspector shall record the acceptance or rejection of each reach in the daily QA report. Only one (1) acceptance survey shall be performed by the Government. Each additional survey required for each reach, if rejected, shall be the responsibility of the Contractor. If additional surveys are necessary, they shall be assessed against the Contractor at the rate of \$7,000.00/day to perform surveys by the Government. Prior to acceptance all shoaling occurring in the reach shall be the responsibility of the Contractor. Shoaling occurring after acceptance of the reach shall be removed in accordance with terms specified in Section 02480, 11.2.5, Shoaling.

***The contractor shall utilize the environmental (closed type) clamshell bucket to dredge both the Bodega Bay Channel and the Coast Guard Station to reduce the suspended sediment in the local dredging area. Attention I directed to Paragraph 6.3 under “ Water Pollution Control” in Section 01430 “ Environmental Protection” wherein the dredging operation for both areas is specified.***

5.3 Overflow, Spillage and Leakage.

5.3.1 Overflow from Barges and Scows. No overflow of dredged material or water will be allowed from the receiving barges or dump scows during dredging operations, except as follows: overflow will be allowed only under the following combined conditions: (1) the material is dredged with a hopper dredge, or hydraulic dredge (cutter-head, suction, or vortex type); and (2) the material is suitable for ocean disposal, as approved by the Contracting Officer or COR. Where overflow is allowed, overflow time shall be limited to 15 minutes and the discharge shall be below the water surface. The barge or scow may not be reloaded or taken out for the next ocean disposal trip, until the Contractor and the Contracting Officer's Representative review the data and confirm that the previous load did not leak substantially and approval to continue is given by the Contracting Officer's Representative in writing. If there is more than one foot of draft loss, or if the sensors are not working properly, the scow cannot be loaded or used for the next trip until the barge or scow is repaired and certified by the Contractor in writing and approval is given to continue by the Contracting Officer's Representative in writing.

5.3.2 Overflow from Hopper Dredges. Overflow during dredging will be allowed. During hopper dredging, the time of allowable overflow of dredged material and water from hopper bins shall be limited to the most economical load based on hopper load charts for hopper dredges as approved, but in no case longer than 15 minutes. All overflow shall be discharged below the water surface.

5.3.3 Spillage and Leakage. Dredged material and water shall not be permitted to spill over or leak out of barges, hopper bins or dump scows while in transit to the disposal site. Barges or dump scows which exhibit a loss in vessel draft in excess of 1 foot between the loaded barge draft recorded at the dredging site and the predisposal draft recorded at the ocean disposal site, will be taken out of service for this project until repaired. The Contractor shall record draft of hull for each scow load as specified under quality control. If applicable, no loss in draft or volume will be permitted from containers transporting dredged materials for land disposal. The Contractor shall paint visible draft levels at 1 foot intervals and at the 80 percent load line on the inside of each scow and hopper bin.

5.3.4 Monitoring of overflow, spillage and leakage shall be as specified in Section 01405, "QUALITY CONTROL".

5.4 Horizontal Position Monitoring of Dredge. The Global Positioning System (GPS) utilizing the Coast Guard Point Blunt D-Beacon shall be used, or other method subject to approval of the Contracting Officer.

5.5 Tidal Control During Dredging. To establish dredging depth to the MLLW datum, the Contractor shall install an automatic recording tide gage with water level sensor placed at the closest Government-furnished tide gage site to each reach of the dredging work or as otherwise approved. The tide gage shall provide a continuous recording of tidal change for every 5-minute interval or each 0.1 foot change, whichever occurs first. Tidal changes shall be recorded in MLLW datum, with these changes clearly displayed for the dredge operator at all times during the dredging process to allow proper adjustment of dredge depth. A printed record of the tidal changes shall become part of the Contractor's daily quality control report.

5.6 Inherent Delays. The Contractor shall anticipate inherent delays while dredging around obstructions such as cable, pieces of metal, chains, etc., that may foul the cutter-head or clamshell and require removal. The bid prices shall include allowances for such inherent delays.

5.7 Survey of Barge Filling Areas Located Outside of the Project Limit. If a receiving barge or dump scow is located outside of the dredging limits during dredging operations, the Contractor shall submit a plan to the Government on how the survey of this area will be performed. This monitoring measure is to ensure no dredged material has been spilled outside the designated dredging areas. Drawings and data shall be provided as specified in Section "CONTRACT DREDGING QUALITY CONTROL AND PROGRESS PAYMENT SURVEYS", paragraph "HYDROGRAPHIC SURVEYS". The drawing requirements may be substituted with CAD drawings and/or HYPACK surveys subject to the Contracting Officer's approval.

5.8 Debris. If debris is encountered within the dredging prism during the dredging process, it shall be removed and placed in a separate barge or other conveyance and disposed of as specified in subparagraph 6.4, "Disposal of Debris".

5.8.1 Slurry Method. The Contractor may slurry dredged material at the dredge site by passing the material through a grid with openings of not more than 12 inches in any dimension. The Contractor may propose another method that will similarly break up the dredged material which will be subject to the approval of the Contracting Officer. For the grid system or alternate method, the Contractor shall submit his plan for slurring and disposal, including but not limited to procedures and equipment used to generate slurry, quality control organization, testing procedures, and test reporting procedures at least ten (10) days prior to dredging.

## 6. DISPOSAL OF DREDGED MATERIAL AT DEEP OCEAN DISPOSAL SITE (SF-DODS) AND SF-8 DISPOSAL SITE

6.1 Dredged material shall be transported by hopper dredge or barge and deposited by open water dumping at the Government-furnished deep ocean disposal area (SF-DODS) and at the SF-8 Disposal Site indicated on the drawings. Each load drop shall be identified with northing and easting coordinates on the daily Quality Control Report for that day. Disposal operations shall be performed as directed and unless otherwise authorized (by verbal communication or in writing) shall be in the presence of the Contracting Officer.

6.1.1 No debris or material other than natural clay, sand or silt shall be deposited in the SF-DODS.

6.1.2 Only material consists of high quality sand (greater than 90% sand) and meet the requirements of 40 CFR 227.13 shall be deposited in the SF-8 Disposal

6.2 Site Management and Monitoring Plan (SMMP) Requirements for Ocean Disposal Area. The Contractor shall adhere to the following SMMP provisions for disposal of dredge material at the ocean disposal area:

6.2.1 Barges shall not leave Bodega Bay Harbor Channel when wave heights along the transit route are predicted to exceed 10 feet and wave periods are less than 9 seconds, or when waves are greater than 16 feet regardless of wave period. Under less severe weather conditions, extra precautions (such as reducing the load up to 15 percent) shall be taken to prevent spillage or other loss of material during transit to the site. The Contractor shall verify predicted sea state via marine forecasting on the radio and Internet and note results of both forecasts in their daily quality control report. No vessel shall commence transit without such verification and notation in the daily quality control report. For more specific instructions refer to Appendix 16.

6.2.2 For each tugs trip to the ocean disposal site, barges shall be loaded to 80 percent of their load lines or 80 percent of bin capacity, whichever governs, to avoid spillage. Loading shall be reduced below 80 percent if weather or sea conditions cause spillage.

6.2.3 No disposal barge shall be filled above its load limitation that shall be defined as 80 percent of its load line or 80 percent of bin capacity, whichever governs, and all loads shall be certified by the Contracting Officer or COR that the requirement has been met prior to departing for the disposal area. The scows shall have the 80 percent load line clearly marked inside of the bin for visual verification by the Contracting Officer or COR.

6.2.4 No water or dredged material shall be permitted to leak or spill from barges during transit to the ocean disposal area.

6.2.5 The maximum tow speed shall be 6 knots over the bottom for loaded barges or as approved by the Contracting Officer or COR.

6.2.6 Tug boats with barges shall remain outside of the territorial sea boundary surrounding the Farallon Islands by following the inner portion of the outbound western shipping lane for transit into and out of the bay. Vessels shall remain at least 3 nautical miles from the Farallon Islands at all times. The Contractor shall furnish a vessel transit alignment plan for approval to the Corps of Engineers.

6.2.7 When barges are west of the Vessel Separation Scheme (VSS), the tug shall proceed directly to the ocean disposal site. The barges must be towed in transit routes that pass at least 3 nautical miles from the Farallon Islands.

6.2.8 The U.S. Coast Guard's (USCG) Offshore Vessel Movement Reporting System (OVMRS) which extends 38 miles offshore from Mount Tamalpais, shall be used to track barges within its range.

6.2.9 Tug boats are required to use an electronic positioning system (i.e., a Global Positioning System (GPS) with a minimum accuracy and precision of 100 ft) for disposal operations. If the positioning system fails, all disposal operations shall cease until the navigational capabilities are restored.

6.2.10 No more than one disposal vessel shall be present within the permissible dumping target (as described in the following paragraph) at any time.

6.2.11 Dredged material shall be discharged within a 4000 foot diameter circle centered at 37°39'N, 123°29'W (NAD 1983).

6.2.12 When dredged material is disposed, no portion of the barge shall be further than 2000 feet from the center of the ocean disposal area.

6.2.13 The Contractor shall maintain daily records of dredging operations, transportation schedules, barge load volumes disposed, and exact location and time of disposal.

6.2.14 The tug captain shall maintain a copy of all weather reports and shall make wind and sea observations.

6.2.15 Each tug boat shall maintain a computer printout from GPS or other approved navigation system showing transit routes and disposal coordinates, including the time and position of the disposal barge when the barge doors open and close.

6.2.16 The Contractor's quality control staff shall observe all dredging operations and submit reports containing a description of operations for each barge load, a checklist, a transit route map, a printout of coordinates from each waypoint and release point, a record of radio transmission and facsimile from the tug captain on a weekly basis.

6.2.17 The Contractor shall allow observers, upon request from the Point Reyes Bird Observatory or other appropriate independent observers as specified in permits to be present on disposal vessels on all trips to the ocean disposal area for the purpose of conducting surveys of marine habitats. The Contractor shall allow the independent observers to be present on a sufficient number of vessel trips to characterize fully the potential impact of disposal site use on marine habitats.

6.2.18 The Contractor shall allow on-board inspections by EPA Region IX staff, Corps of Engineers staff, or a certified inspector to ensure that the transportation and disposal of sediments occur within the designated discharge zone and that compliance with all permit terms and conditions are met.

6.2.19 The Contractor shall report any violation to the EPA and the Contracting Officer within 24 hours. In the event of a violation, the Contractor must make all necessary changes to bring disposal operations into compliance before making another trip to the ocean disposal area.

6.2.20 Development and implementation of more sophisticated surveillance systems, which can be demonstrated to the Contracting Officer to be effective and capable of being audited, may be substituted pending approval from the Contracting Officer for one or more of the above provisions.

6.3 Disposal Vessel Location (for Ocean Disposal Area). Methods used for the dredge positioning, as specified under Paragraph "DREDGING", shall also be used to display and record the disposal vessel's location at 1-minute time intervals throughout the loading, transport and disposal cycle of each disposal vessel. The Dredge Data Logging System (DDLS)

data shall be received onboard the actual disposal vessel. Position data shall be annotated for the time actual dumping is in progress. A copy record of the DDLS position data, correlated with time and annotated with date, shall be submitted to the Contracting Officer as part of the daily Quality Control Report. The Contracting Officer shall have access to the monitoring equipment in order to observe its operation during disposal operations. Dredge inspectors shall be provided with hand-held GPS equipment to verify dredge disposal in SF-DODS. For more specific instructions refer to Appendix 10.

6.4 Disposal of Debris. Debris, man-made objects, timber, chains, anchors, flotsam, miscellaneous metal objects and other foreign material removed during dredging shall not be disposed of in the Government-furnished disposal areas. Such material shall be disposed of at a land site at the responsibility of the Contractor.

6.5 Misplaced Material. Any material that is intentionally or unintentionally deposited in places other than those specifically designated or approved by the Contracting Officer or COR will not be paid for and the Contractor shall be required to remove such misplaced material and deposit it where directed at his expense.

6.6 Notification. When utilizing the ocean disposal area, the Contractor shall notify the U.S. Coast Guard via radio (S.F. Bay Traffic on Channel 14) five minutes in advance of actual departure from the dredge site and immediately prior to actual disposal operations. The Contractor shall follow established guidelines by the U.S. Coast Guard and maintain a log of disposal movements using the form in Appendix 9-1. By Monday morning of each week, the Contractor shall submit the prior week's electronic disposal site logs on a CD to the: U.S. Army Corps of Engineers, Operations and Readiness Division, 333 Market Street, Rm 809, San Francisco, CA 94105, ATTN: David Dwinell. Mr. Dwinell shall be contacted at (415) 977-8471 for coordination and specific requirements. All information submitted to David Dwinell shall also be submitted at the same time to the Project Engineer in writing (hardcopy) and in electronic format. Submittal shall include written analysis of the data in the report including deficiency tracking information per Section 01405 QUALITY CONTROL.

## 7. DDLS BACKUP SYSTEM.

Any failure of the DDLS system, components and sensors shall be repaired within 48 hours of the failure in accordance with Appendix 10 subparagraph "Sensor Performance Requirements". During the 48-hour failure period, the Contractor shall continue dredging and disposal operations utilizing his DDLS backup system. The DDLS backup system must be approved by the Contracting Officer and shall be in place and operational prior to dredging and disposal operations.

## 8. OVERDEPTH AND EXCESSIVE DREDGING.

8.1 Overdepth. The 1 foot allowable overdepth shown on the drawings is being allowed only to assure removal of a sufficient amount of material to reach project depth and width. No payment will be made for materials removed from beyond the neat line template (side

slope) or maximum overdepth pay-line shown on the drawings. Materials sloughing into the payment area from outside the neat line side slopes shall be removed at no additional cost to the Government. Overdepth dredging will not be allowed in areas already at or below project depth.

8.2 Excessive Dredging. Dredging shall not be performed below the allowable overdepth. The Contractor may be subject to sanctions by Federal, State and local agencies for excessive dredging. Any dredging below allowable overdepth shall be identified immediately by the Contractor as a deficiency and tracked and corrected in accordance with Section 01405.

## 9. REPORTING REQUIREMENTS.

The Contractor shall prepare and submit daily reports of operations on quality control forms as directed and/or accepted by the Contracting Officer or COR. Sample forms are shown in the RMS. The daily reports, which may be supplemented with hydrographic survey cross-sections, shall document dredging operations for all shifts in a 24-hour period. Further instructions on the preparation of the reports will be furnished at the pre-dredging conference. All information submitted electronically shall also be submitted concurrently in hard copy with applicable analysis and shall not be considered a complete submittal until both formats are received.

9.1 DDLS Records. Electronic copies of the DDLS positional data shall be submitted to the Corps on CD-ROMs. Positional data shall include records of dredge equipment and all disposal vessels utilized for this contract. The Contractor shall furnish the CD-ROMs, and a copy of the computer program and hardlock (if required) to playback/print all contract DDLS electronic data to: U. S. Army Corps of Engineers, Construction Services Branch, 2100 Bridgeway Boulevard, Sausalito, CA, 94965.

## 10. PREDREDGE AND POSTDREDGE (FINAL) SURVEYS.

The Government will perform the predredge survey(s) after award of contract and prior to commencement of dredging. For the postdredge survey(s), the Contractor shall notify the Contracting Officer at least 72 hours prior to completion of the entire work or any acceptance reach as approved by the Contracting Officer and the Government will perform the final survey approximately five (5) working days after completion of the work or acceptance reach at no cost to the Contractor. All reaches found to be in compliance with the contract requirements will be accepted finally and be measured for payment as stated in Paragraph "MEASUREMENT AND PAYMENT", subparagraph "Measurement for Payment" hereinbelow.

If the Government is unable to perform the final survey(s) due to the failure of the Contractor to complete the work in accordance with his prior notification, the Contractor shall be responsible for any survey plant and labor standby costs at \$7,000.00 per day and an adjustment will be made to the contract price therefore. Preliminary data from the final Government survey will be available within five (5) calendar days. If the preliminary survey data indicates that the project is not to the depth required in some or all of the reaches or the completed work, then the Contractor shall resume dredging within seven calendar days after completion of the field survey work to complete the work down to project depth. When the acceptance reach or completed work is found to be in satisfactory condition, it will be accepted. The Government will perform

only one post-dredge survey per reach or completed work at no cost to the Contractor. Any additional post-dredge surveys or sounding operations performed by the Government due to the Contractor not reaching project depth in a reach or completed work shall be charged to the Contractor at the rate of \$7,000.00 per day for each day in which the Government plant is engaged in sounding and/or is en route to or from the site, or held at or near the said site, for such operations. The Contractor will not be allowed any additional compensation for work under this paragraph.

## 11. MEASUREMENT AND PAYMENT.

11.1 Mobilization and Demobilization. Payment for mobilization and demobilization will be made at the contract lump sum price for "Mobilization and Demobilization" in the schedule under which contract award is made, and in accordance with Special Clause "PAYMENT FOR MOBILIZATION AND DEMOBILIZATION". This price and payment shall be full compensation for moving all plant, labor, materials, supplies and equipment necessary to perform the dredging onto the jobsite, preparing plant and equipment ready for work, and removing same from the jobsite upon completion of the contract work.

### 11.2 Dredging

11.2.1 Measurement for Payment. Measurement for payment of the total amount of material dredged will be made based on the cubic yards of material in-place, by computing the volume between the bottom surface shown by soundings from the Government pre-dredge survey taken before dredging and the bottom surface shown by soundings from the final Government post-dredge survey compared with the neat line template, using the average-end-area method. This quantity shall include excavation performed within the allowable overdepth limits and exclude excessive dredging as specified under paragraph "OVERDEPTH AND EXCESSIVE DREDGING".

11.2.2 The contract drawings represent conditions existing on the date of the survey shown on the drawings and are for information purposes only. A pre-dredge survey will be performed by the Government, and will be used in determining quantity of material for payment. Determination of quantities removed and the deductions made therefrom to determine quantities by in-place measurement to be paid in the area specified after having once been made will not be reopened, except on evidence of collusion, fraud or obvious error. No payments will be made until all computations, field notes and drawings are received for progress payment.

11.2.3 Monthly partial payments will be based on approximate quantities determined by electronic hydrographic soundings as specified in Section " CONTRACT DREDGING QUALITY CONTROL AND PROGRESS PAYMENT SURVEYS". Copies of all original field notes, quantity computations and drawings performed by the Contractor for the purpose of layout and progress shall be furnished to the Contracting Officer at the site of work for use by the Contracting Officer to the extent necessary in determining the proper amount of progress payments due the Contractor.

11.2.4 Payment for dredging will be made at the applicable contract unit prices bid, in the schedule(s) under which contract award is made. These prices and payments thereof shall



constitute full compensation for all dredging, progress payment surveys, quality control surveys, barge filling area surveys and disposing of all materials above allowable overdepth and side slopes, in accordance with the drawings and specifications.

11.2.5 Shoaling. Shoaling occurring within project limits prior to acceptance of any section or reach shall be removed by the Contractor and no additional payments will be made by the Government for dredging and disposal of this material. Shoaling occurring within the project limits after acceptance of any reach and prior to the completion of the contract shall be removed at the contract unit price for dredging, within the limit of available funds, if agreeable to both the Contractor and the Contracting Officer. The quantity of shoaling to be paid for will be measured by the cubic yard by computing the volume between the surfaces shown by soundings taken after shoaling and the final survey made after the shoaled material has been removed.

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